

Product information

ANCAMINE[®] 2815

Curing Agent

DESCRIPTION

Ancamine[®] 2815 curing agent is a low viscosity modified amine curing agent intended to be used with liquid epoxy resin. It is designed to give 1:1 mix ratios when used with standard liquid epoxy resins. It yields coatings with high elongation, strength, and hardness. It has fast cure even at low temperatures.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear liquid		
Colour	<2	Gardner	ASTM D 1544-80
Viscosity @ 25°C	1200-1600	cPs	ASTM D 2196-05, Brookfield RVTD
Amine Value	300-500	mg KOH/g	Perchloric acid titration
Specific Gravity @ 21°C	1.02		
Equivalent Wt{H}	180-200		
Recommended Use Level	80-100	phr	Bisphenol A diglycidyl ether resin (EEW=190)/Epodi 748 (90:10)

BENEFITS

- Fast Cure
- Low temperature Cure
- Low flexibility
- Low hardness

APPLICATIONS

- Deck Overlays (ASTM C881 Type III)
- High friction/anti-skid road
- Crack bridging

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2815 curing agent.

TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Gel Time @ 25°C	10-15	min	Techne GT-3 Gelation Timer
Thin Film set time (23°C)	1.75	h	BK Drying Recorder phase III
Thin Film set time (10°C)	3.5	h	BK Drying Recorder phase III
Hardness Shore D @ 23°C (6h/ 24h)	80/ 80		
Hardness Shore D @ 10°C (6h/ 24h)	72/ 80		
Compressive Strength	5245	psi	ASTM D 695
Tensile Strength	3750	psi	ASTM D 638-14
Tensile Elongation @ Break	45	%	ASTM D 638-14

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